



**PARTIAL PLAN - 1ST FL - NEW WORK - BASE BID**  
 SCALE: 1/4" = 1'-0"  
 NORTH

**DRAWING NOTES**

- RIG AND INSTALL NEW AIR HANDLING UNIT IN APPROXIMATE LOCATION INDICATED. COORDINATE EXACT LOCATION WITH OPERATIONAL CLEARANCE REQUIREMENTS AND EXISTING DUCTWORK CONNECTION POINTS.
- EXPAND EXISTING CONCRETE HOUSEKEEPING PAD TO MATCH NEW AIR HANDLING UNIT FOOTPRINT. EXCAVATE AND REFILL GRAVEL AND SOIL AROUND NEW PAD FOOTPRINT AS REQUIRED. TOP OF NEW PAD TO BE LEVEL. MATCH EXISTING PAD CONSTRUCTION AND THICKNESS. CHAMFER NEW PAD EDGES TO MATCH EXISTING PAD EDGES.
- PROVIDE NEW SUPPLY DUCTWORK, FITTINGS, SUPPORTS, AND INSULATION FROM TOP END DISCHARGE TO EXISTING TIE-IN POINT AS INDICATED. TIE-IN TO EXISTING MAIN IN APPROXIMATE LOCATIONS INDICATED. SUPPORT NEW DUCTWORK FROM GRADE WITH NON-PENETRATING SUPPORTS.
- BASE PLAN: PROVIDE NEW EXHAUST DUCTWORK, FITTINGS, SUPPORTS, AND INSULATION FROM ELEVATED MAIN DOWN TO BOTTOM END DISCHARGE CONNECTION ON AHU. EXTEND DISCHARGE CONNECTION OUT FULL SIZE. SUPPORT FROM GRADE AND WALL AS APPLICABLE. ALTERNATE 1: PROVIDE NEW EXHAUST DUCTWORK, FITTINGS, SUPPORTS, AND INSULATION FROM ELEVATED MAIN TO TOP DISCHARGE CONNECTION ON AHU. SUPPORT FROM THE WALL AND TOP OF UNIT AS APPLICABLE.
- PROVIDE NEW EXHAUST DUCTWORK, FITTINGS, SUPPORTS, AND INSULATION FROM ELEVATED MAIN ALONG WALL TO TOP EXHAUST INLET CONNECTION ON NEW AHU. ADJUST NEW DUCTWORK ELEVATION AS REQUIRED. SUPPORT NEW DUCTWORK FROM WALL AND FROM TOP OF UNIT WITH NON-PENETRATING SUPPORTS.
- BASE PLAN: MOUNT NEW SMOKE DETECTOR ON EXHAUST DUCTWORK IN APPROXIMATE LOCATION INDICATED. SD TO BE FURNISHED AND WIRED BY EC. ALTERNATE 1: EXISTING DUCT MOUNTED SMOKE DETECTOR TO REMAIN OPERATIONAL IN PLACE.
- MOUNT ALL FIELD INSTALLED COMPONENTS AND CONTROL DEVICES ASSOCIATED WITH NEW AIR HANDLING UNIT AS APPLICABLE. DEVICES MAY INCLUDE DUCT MOUNTED PRESSURE / TEMPERATURE SENSORS AND WEATHER HOODS.
- PROVIDE CONDENSATE DRAIN PIPING FROM DRAIN PAN CONNECTION. DISCHARGE TO GRADE.
- ALTERNATE 1: RIG AND INSTALL NEW CONDENSING UNIT IN APPROXIMATE LOCATION INDICATED. COORDINATE EXACT LOCATION WITH OPERATIONAL CLEARANCE REQUIREMENTS AND EXISTING SITE CONDITIONS. PROVIDE NEW CONCRETE HOUSEKEEPING PAD BELOW NEW CONDENSING UNIT. TOP OF PAD TO BE LEVEL. CHAMFER NEW PAD EDGES TO MATCH EXISTING PAD EDGES.
- ALTERNATE 1: PROVIDE NEW REFRIGERANT PIPING, FITTINGS, SUPPORTS, AND INSULATION BETWEEN NEW AIR HANDLING UNIT DX COIL AND SPLIT CONDENSING UNIT. SIZE AND INSULATE PER MANUFACTURER'S GUIDELINES.
- ALTERNATE 1: REMOVE AND WORK EXISTING FENCE AND GATE TO ENCLOSE NEW CONDENSING UNIT. PROVIDE (1) GATE FOR ENCLOSURE ACCESS. COORDINATE GATE LOCATION WITH OWNER.
- RE-INSTALL FENCING ENCLOSURE FOLLOWING INSTALLATION OF AIR HANDLING UNIT IN COURTYARD.
- PROVIDE NEW FENCING ENCLOSURE SURROUNDING NEW CONDENSING UNIT. COORDINATE EXACT FENCING REQUIREMENTS WITH CU SERVICE AND OPERATION CLEARANCES, EXISTING BUILDING STRUCTURES, AND PARKING LOT CURBS. NEW FENCE CONSTRUCTION TO MATCH EXISTING COURTYARD FENCE CONSTRUCTION. PROVIDE GATE FOR ACCESS TO FENCING ENCLOSURE AS NEEDED. COORDINATE GATE LOCATION WITH OWNER.

**EQUIPMENT NOTES**

- + AHU-3 NEW AIR HANDLING UNIT. PACKAGED SYSTEM. SEE SCHEDULES FOR ADDITIONAL DETAIL.
- + AHU-3A NEW AIR HANDLING UNIT. SPLIT CONDENSING SECTION. SEE SCHEDULES FOR ADDITIONAL DETAIL.
- + CU-3A NEW CONDENSING UNIT. SEE SCHEDULES FOR ADDITIONAL DETAIL.
- CHLR EXISTING AIR-COOLED CHILLER. ASSOCIATED WITH INTERIOR LINEAR ACCELERATORS. TO REMAIN OPERATIONAL IN PLACE.
- EF-1 EXISTING GREENHECK UTILITY SET EXHAUST FAN. 1,950 CFM, 2 HP MOTOR, 460/60/3. M/N: 12-BISW-21-X. TO REMAIN OPERATIONAL IN PLACE.
- DESIGNATES EXISTING EQUIPMENT
- + DESIGNATES EQUIPMENT FURNISHED BY OTHERS

**GENERAL NOTES**

APPLIES TO ALL DRAWINGS OF THIS TRADE

- A FOR KEY PLAN AND DRAWING INDEX SEE DRAWING CS01.
- B FOR GENERAL NOTES, LEGEND AND SYMBOLS SEE DRAWING M001.

DATE	02-26-24
REVISIONS	
No.	0
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PROJECT NAME	BARRETT CANCER CENTER PHARMACY AIR HANDLING UNIT REPLACEMENT
DRAWING NAME	MECHANICAL PARTIAL PLAN - 1ST FL - NEW WORK
PROJECT NUMBER	
DC NO.	
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 M200	